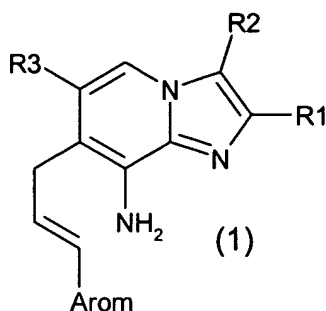


Appendix A

Claim Amendments

1. (Currently amended) A compound of the formula 1



where

R1 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, halogen, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or cyanomethyl,

R3 is halogen, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, fluoro-1-4C-alkoxy-1-4C-alkyl or the radical -CO-NR<sub>31</sub>R<sub>32</sub>,

where

R31 is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl, 3-7C-cycloalkyl, 1-4C-alkoxy-1-4C-alkyl and

R32 is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl, 3-7C-cycloalkyl or 1-4C-alkoxy-1-4C-alkyl,

or where

R31 and R32 together and including the nitrogen atom to which they are attached form a pyrrolidino, piperidino or morpholino radical

Arom is a R4-, R5-, R6- and R7-substituted mono- or bicyclic aromatic radical selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furanyl (furyl), benzofuranyl (benzofuryl), thiophenyl (thienyl), benzothiophenyl (benzothienyl), thiazolyl, isoxazolyl, pyridinyl, pyrimidinyl, quinolinyl and isoquinolinyl,

where

R4 is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, carboxyl, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, halogen, hydroxyl, aryl, aryl-1-4C-alkyl, aryloxy, aryl-1-4C-alkoxy, trifluoromethyl, nitro, amino, mono- or di-1-4C-alkylamino or sulfonyl,

R5 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, halogen, trifluoromethyl or hydroxyl,

R6 is hydrogen, 1-4C-alkyl or halogen and

R7 is hydrogen, 1-4C-alkyl or halogen,

where

aryl is phenyl or substituted phenyl having one, two or three identical or different substituents selected from the group consisting of 1-4C-alkyl, 1-4C-alkoxy, carboxyl, halogen, trifluoromethyl, nitro, trifluoromethoxy, hydroxyl and cyano,

~~and its salts~~ or a salt thereof.

2. (Currently amended) A compound of the formula 1 as claimed in claim 1, in which

R1 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, halogen, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or cyanomethyl,

R3 is halogen, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, fluoro-1-4C-alkoxy-1-4C-alkyl or the radical -CO-NR<sub>31</sub>R<sub>32</sub>,

where

R<sub>31</sub> is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and

R<sub>32</sub> is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,

or where

R<sub>31</sub> and R<sub>32</sub> together and including the nitrogen atom to which they are attached form a pyrrolidino, piperidino or morpholino radical

Arom is a R<sub>4</sub>-, R<sub>5</sub>-, R<sub>6</sub>- and R<sub>7</sub>-substituted mono- or bicyclic aromatic radical selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furanyl (furyl), benzofuranyl (benzofuryl), thiophenyl (thienyl), benzothiophenyl (benzothienyl), thiazolyl, isoxazolyl, pyridinyl, pyrimidinyl, quinolinyl and isoquinolinyl,

where

R4 is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, carboxyl, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, halogen, hydroxyl, aryl, aryl-1-4C-alkyl, aryloxy, aryl-1-4C-alkoxy, trifluoromethyl, nitro, amino, mono- or di-1-4C-alkylamino or sulfonyl,

R5 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, halogen, trifluoromethyl or hydroxyl,

R6 is hydrogen, 1-4C-alkyl or halogen and

R7 is hydrogen, 1-4C-alkyl or halogen,

where

aryl is phenyl or substituted phenyl having one, two or three identical or different substituents selected from the group consisting of 1-4C-alkyl, 1-4C-alkoxy, carboxyl, halogen, trifluoromethyl, nitro, trifluoromethoxy, hydroxyl and cyano,

~~and its salts~~ or a salt thereof.

3. (Currently amended) A compound of the formula 1 as claimed in claim 1, in which

R1 is 1-4C-alkyl,

R2 is 1-4C-alkyl,

R3 is halogen, 1-4C-alkoxycarbonyl, or the radical -CO-NR<sub>31</sub>R<sub>32</sub>,

where

R<sub>31</sub> is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and

R<sub>32</sub> is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,

or where

R<sub>31</sub> and R<sub>32</sub> together and including the nitrogen atom to which they are attached form a pyrrolidino radical

Arom is phenyl,

~~and its salts~~ or a salt thereof.

4. (Currently amended) A compound of the formula 1 as claimed in claim 1, in which

R<sub>1</sub> is 1-4C-alkyl,

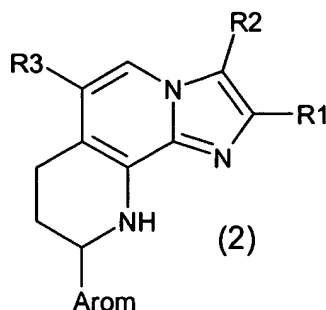
R<sub>2</sub> is 1-4C-alkyl,

R<sub>3</sub> is halogen or 1-4C-alkoxycarbonyl,

Arom is phenyl,

~~and its salts~~ or a salt thereof.

5. (Currently amended) A compound of the formula 2



selected from the group consisting of

2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic acid-(2-methoxy-ethyl)-amide,

2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Ethyl Ester,

2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Methylamide,

2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid (2-Hydroxy-ethyl)-amide,

2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Dimethylamide,

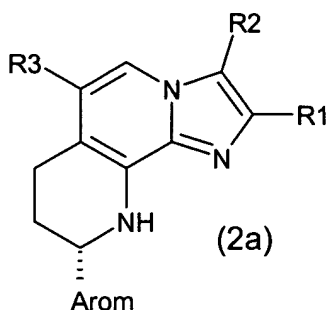
2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Amide,

1-(2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalen-5-yl)-1-morpholin-4-yl-methanone,

1-(2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalen-5-yl)-1-pyrrolidin-1-yl-methanone,

(2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-  
cyclopenta[a]naphthalen-5-yl)-methanol,  
2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-  
cyclopenta[a]naphthalene-5-carboxylic Acid  
Cyclopropylamide,  
and [[its]] salts thereof.

6. (Currently amended) A compound of the formula 2a



in which

- R1 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,
- R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, halogen, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or cyanomethyl,
- R3 is halogen, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl,



fluoro-1-4C-alkoxy-1-4C-alkyl or the radical -CO-NR<sub>31</sub>R<sub>32</sub>,

where

R<sub>31</sub> is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl, 3-7C-cycloalkyl, 1-4C-alkoxy-1-4C-alkyl and

R<sub>32</sub> is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl, 3-7C-cycloalkyl or 1-4C-alkoxy-1-4C-alkyl,

or where

R<sub>31</sub> and R<sub>32</sub> together and including the nitrogen atom to which they are attached form a pyrrolidino, piperidino or morpholino radical,

Arom is a R<sub>4</sub>-, R<sub>5</sub>-, R<sub>6</sub>- and R<sub>7</sub>-substituted mono- or bicyclic aromatic radical selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furanyl (furyl), benzofuranyl (benzofuryl), thiophenyl (thienyl), benzothiophenyl (benzothienyl), thiazolyl, isoxazolyl, pyridinyl, pyrimidinyl, quinolinyl and isoquinolinyl,

where

R<sub>4</sub> is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, carboxyl, 1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, halogen, hydroxyl,

aryl, aryl-1-4C-alkyl, aryloxy, aryl-1-4C-alkoxy, trifluoromethyl, nitro, amino, mono- or di-1-4C-alkylamino or sulfonyl,

R5 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, halogen, trifluoromethyl or hydroxyl,

R6 is hydrogen, 1-4C-alkyl or halogen and

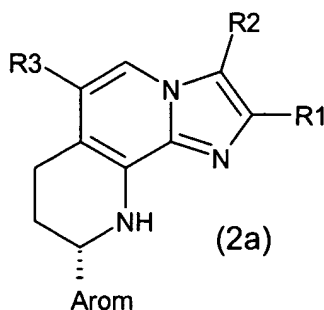
R7 is hydrogen, 1-4C-alkyl or halogen,

where

aryl is phenyl or substituted phenyl having one, two or three identical or different substituents selected from the group consisting of 1-4C-alkyl, 1-4C-alkoxy, carboxyl, halogen, trifluoromethyl, nitro, trifluoromethoxy, hydroxyl and cyano,

~~and its salts~~ or a salt thereof.

7. (Currently amended) A compound of the formula 2a



selected from the group consisting of

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic acid-(2-methoxyethyl)-amide,

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Ethyl Ester,

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Methanamide,

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid (2-Hydroxyethyl)-amide,

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Dimethanamide,

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalene-5-carboxylic Acid Amide,

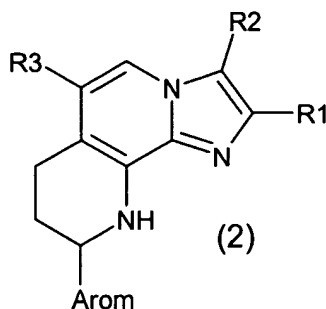
(8S)-1-(2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalen-5-yl)-1-morpholin-4-yl-methanone,

(8S)-1-(2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalen-5-yl)-1-pyrrolidin-1-yl-methanone,

(8S)-(2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triaza-cyclopenta[a]naphthalen-5-yl)-methanol,

(8S)-2,3-Dimethyl-8-phenyl-6,7,8,9-tetrahydro-1,3a,9-triazacyclopenta[a]naphthalene-5-carboxylic Acid Cyclopropylamide and ~~[[its]]~~ salts thereof.

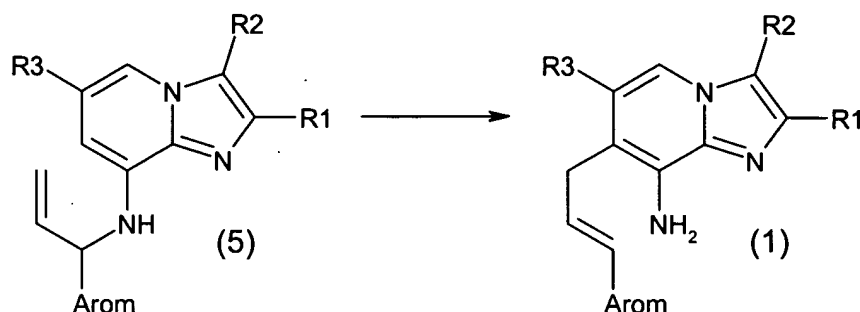
8. (Currently amended) A process for the synthesis of a compound of the formula 2,



in which R1, R2, R3 and Arom have the meanings as in claim 1, which comprises ~~the conversion of~~ subjecting a compound of the formula 1 as claimed in claim 1 to a cyclization reaction and obtaining ~~[[into]]~~ a compound of the formula 2, ~~followed, if desired, by further derivatization of and~~ optionally subjecting the resulting compound of the formula 2 to a derivatization reaction to obtain ~~[[into]]~~ another compound of the formula 2.

9. (Currently amended) A process for the synthesis of a compound of the formula 1 as claimed in claim 1, which comprises ~~the conversion of~~ converting a compound of the formula 5, in which R1, R2, R3 and Arom have the meanings as

indicated in claim 1, into ~~[[the]]~~ a corresponding compound of the formula 1, ~~followed, if desired, by further derivatization of~~ and optionally subjecting the resulting compound of the formula 1 to a derivatization reaction to obtain ~~[[into]]~~ another compound of the formula 1.



10. (Currently amended) A ~~medicament~~ pharmaceutical composition comprising a compound as claimed in claim 5, ~~claim 6 or claim 7~~ and/or a pharmacologically acceptable salt thereof together with a pharmaceutically acceptable auxiliary and/or excipient ~~customary pharmaceutical auxiliaries and/or excipients~~.

11. (Canceled)

12. (New) A method of treating a gastrointestinal disorder in a patient comprising administering to a patient in need

thereof a compound as claimed in claim 5 or a pharmaceutically acceptable salt thereof.

13. (New) A pharmaceutical composition comprising a compound as claimed in claim 6, and/or a pharmacologically acceptable salt thereof together with a pharmaceutically acceptable auxiliary and/or excipient.

14. (New) A method of treating a gastrointestinal disorder in a patient comprising administering to a patient in need thereof a compound as claimed in claim 6 or a pharmaceutically acceptable salt thereof.

15. (New) A pharmaceutical composition comprising a compound as claimed in claim 7, and/or a pharmacologically acceptable salt thereof together with a pharmaceutically acceptable auxiliary and/or excipient.

16. (New) A method of treating a gastrointestinal disorder in a patient comprising administering to a patient in need thereof a compound as claimed in claim 7 or a pharmaceutically acceptable salt thereof.